

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
 Data File : BF124164.D
 Acq On : 7 Jun 2021 19:10
 Operator : JU/CG
 Sample : M2597-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124019

Manual Integrations
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Quant Time: Jun 08 01:30:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 07 13:32:21 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	34329	20.000	ng	-0.01
21) Naphthalene-d8	8.140	136	144555	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	81021	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	144302	20.000	ng	0.00
76) Chrysene-d12	14.027	240	93634	20.000	ng	0.00
86) Perylene-d12	15.510	264	92091	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	234439	102.803	ng	0.00
7) Phenol-d6	6.510	99	292399	95.390	ng	0.00
23) Nitrobenzene-d5	7.422	82	224694	61.649	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	89784	78.218	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	392491	60.959	ng	0.00
79) Terphenyl-d14	12.975	244	372649	54.642	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.410	178	27121	3.009	ng	# 93
75) Fluoranthene	12.598	202	39672	4.193	ng	98
78) Pyrene	12.827	202	36371m	4.045	ng	
81) Benzo(a)anthracene	14.016	228	17532m	2.570	ng	
83) Chrysene	14.057	228	20760	3.154	ng	91
87) Indeno(1,2,3-cd)pyrene	16.992	276	9514m	5.464	ng	
88) Benzo(b)fluoranthene	15.074	252	27232m	3.807	ng	
90) Benzo(a)pyrene	15.445	252	15701	2.527	ng	94
92) Benzo(g,h,i)perylene	17.445	276	8439	5.011	ng	# 76

(#) = qualifier out of range (m) = manual integration (+) = signals summed

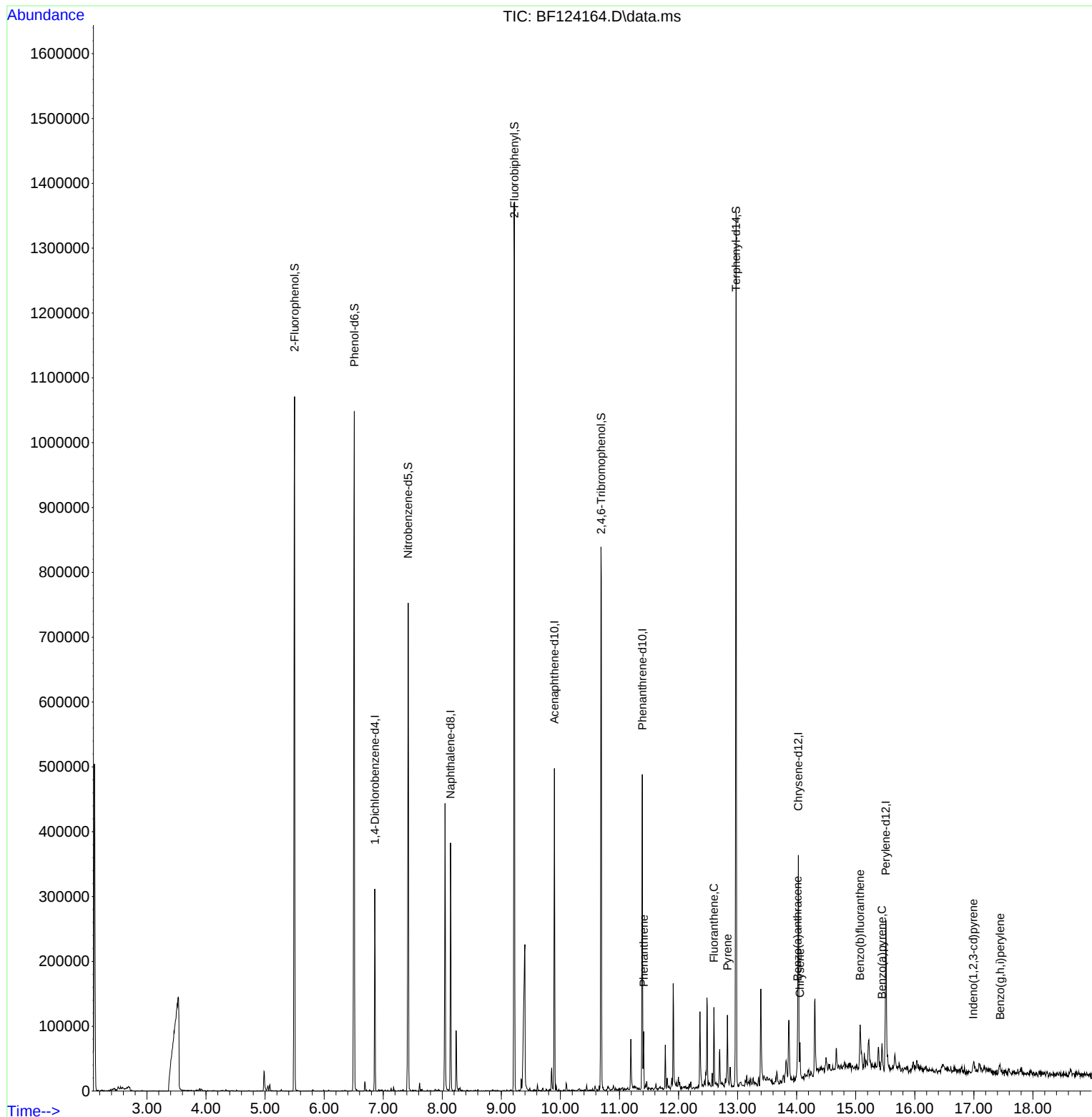
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124164.D
Acq On : 7 Jun 2021 19:10
Operator : JU/CG
Sample : M2597-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

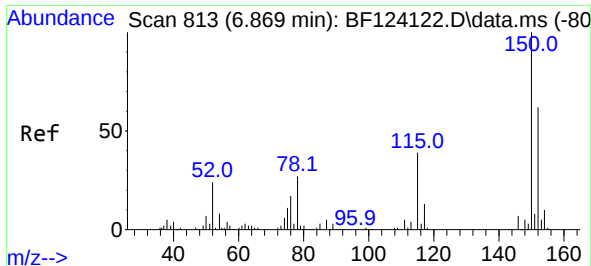
Instrument :
BNA_F
ClientSampled :
124019

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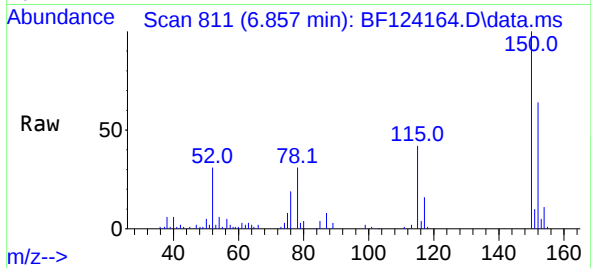
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Quant Time: Jun 08 01:30:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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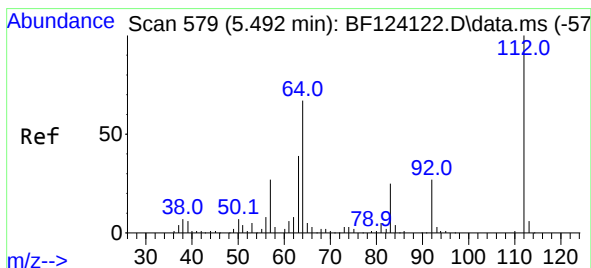
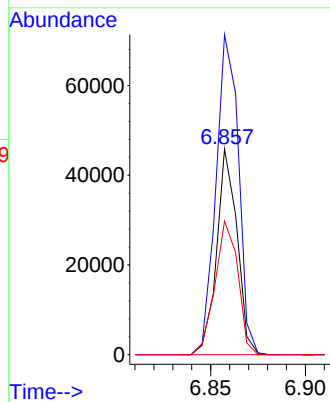
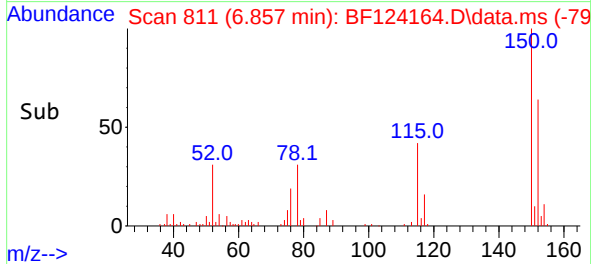




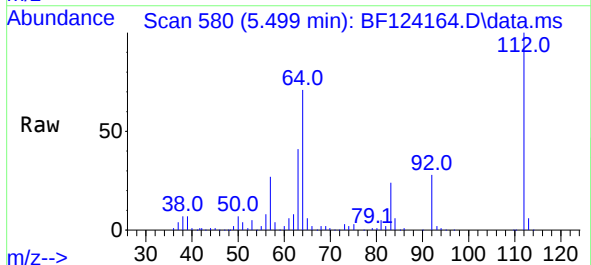
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF124164.D
Acq: 7 Jun 2021 19:10



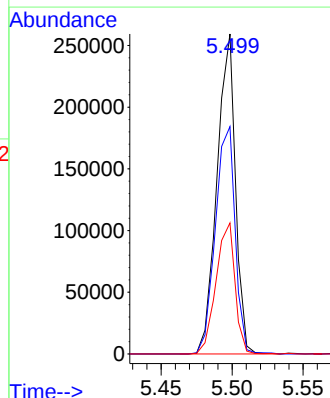
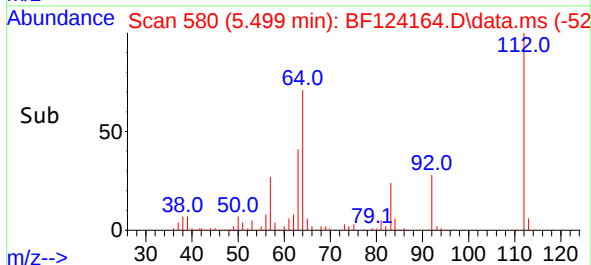
Tgt Ion:152 Resp: 34329
Ion Ratio Lower Upper
152 100
150 155.5 127.0 190.6
115 64.9 54.3 81.5



#5
2-Fluorophenol
Concen: 102.803 ng
RT: 5.499 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF124164.D
Acq: 7 Jun 2021 19:10



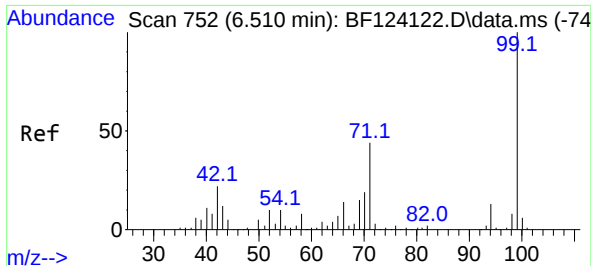
Tgt Ion:112 Resp: 234439
Ion Ratio Lower Upper
112 100
64 71.1 61.4 92.0
63 41.0 33.0 49.4



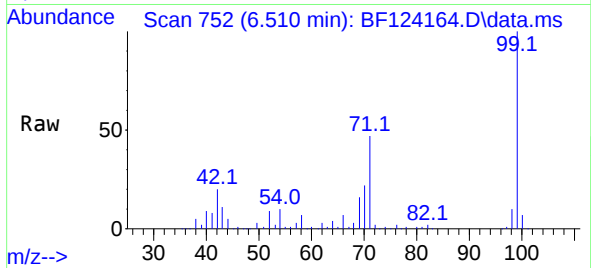
Instrument :
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124019

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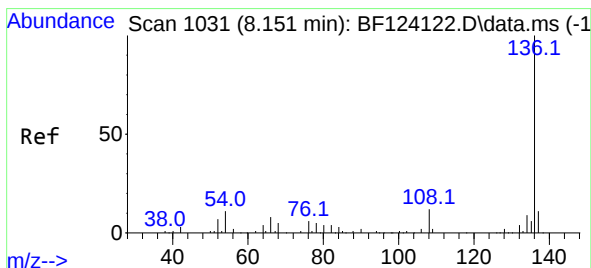
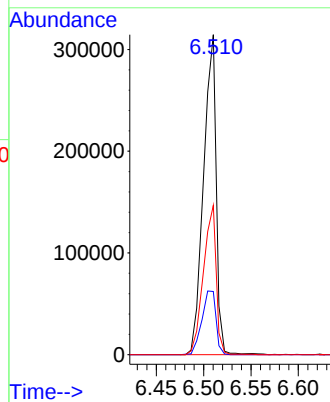
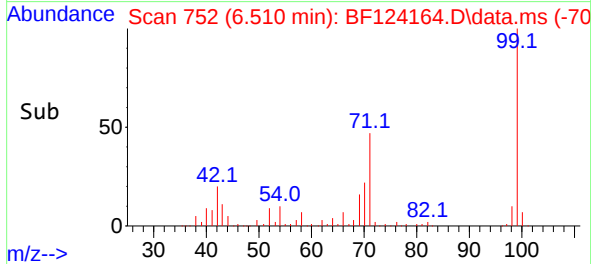
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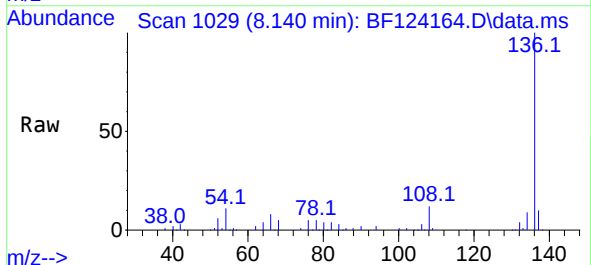
#7
Phenol-d6
Concen: 95.390 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF124164.D
Acq: 7 Jun 2021 19:10



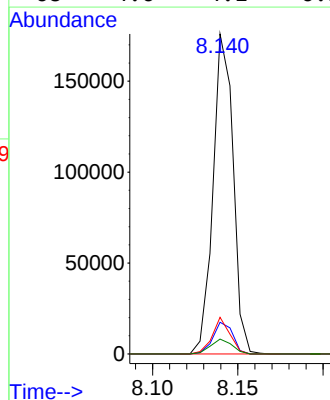
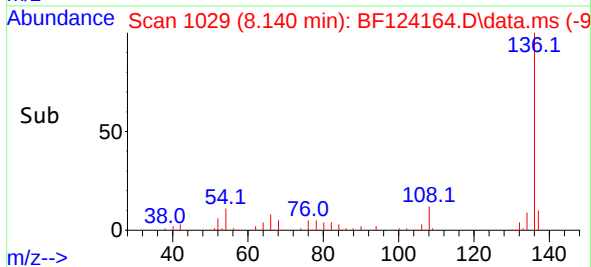
Tgt Ion: 99 Resp: 292399
Ion Ratio Lower Upper
99 100
42 19.8 19.8 29.8#
71 46.7 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF124164.D
Acq: 7 Jun 2021 19:10



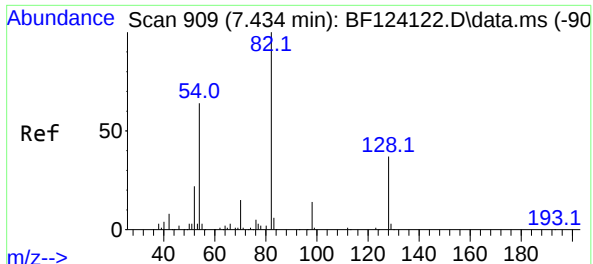
Tgt Ion: 136 Resp: 144555
Ion Ratio Lower Upper
136 100
137 9.9 8.7 13.1
54 11.4 9.8 14.6
68 4.6 4.1 6.1



Instrument :
BNA_F
ClientSampleId :
124019

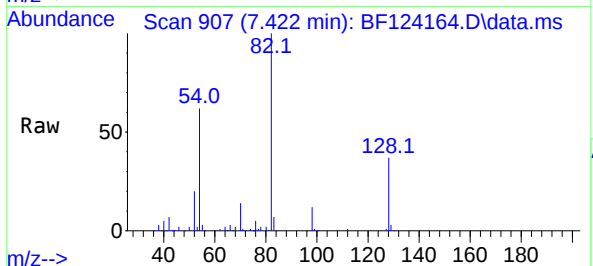
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#23
Nitrobenzene-d5
Concen: 61.649 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF124164.D
Acq: 7 Jun 2021 19:10

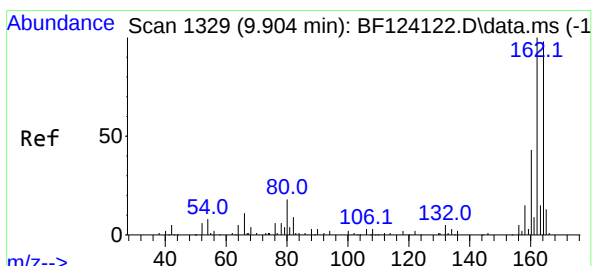
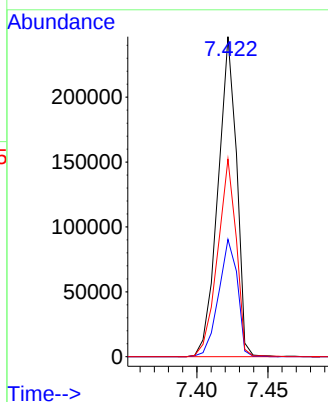
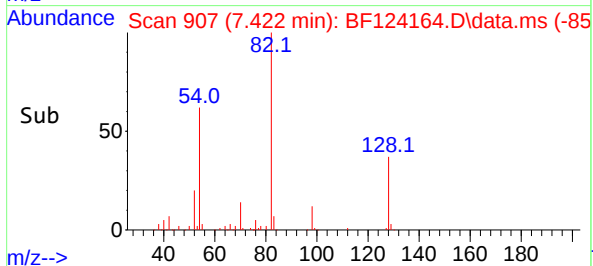
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BNA_F
ClientSampled :
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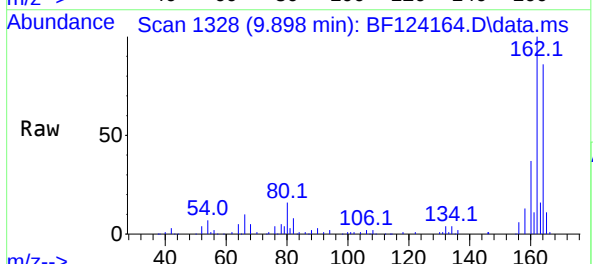
Tgt Ion: 82 Resp: 224694
Ion Ratio Lower Upper
82 100
128 36.7 29.4 44.2
54 61.7 54.1 81.1

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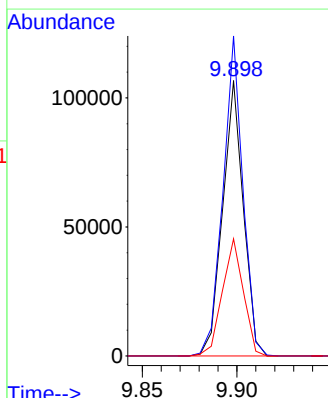
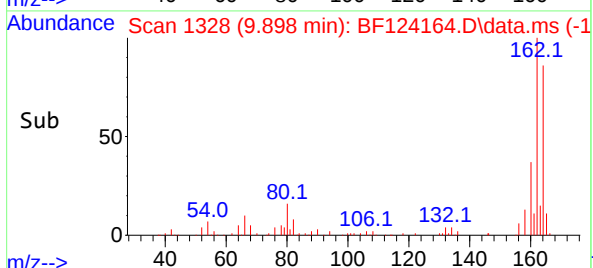
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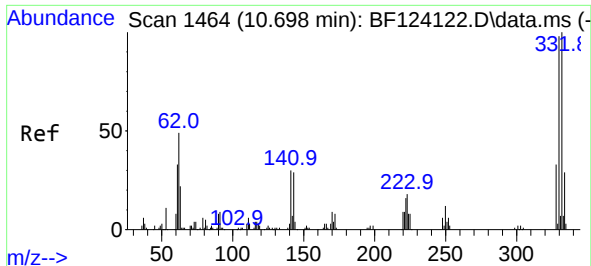


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF124164.D
Acq: 7 Jun 2021 19:10

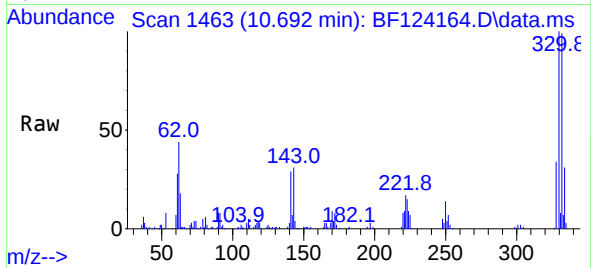


Tgt Ion: 164 Resp: 81021
Ion Ratio Lower Upper
164 100
162 116.2 80.7 121.1
160 42.5 37.3 55.9

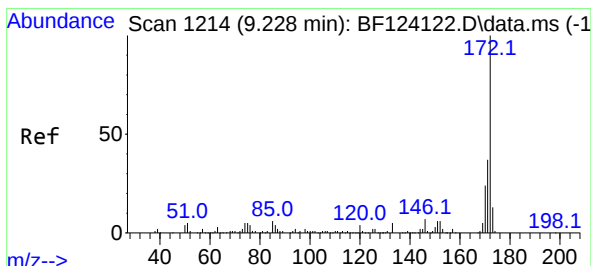
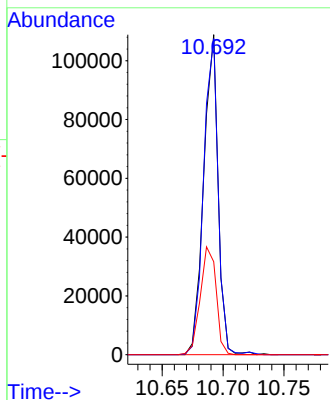
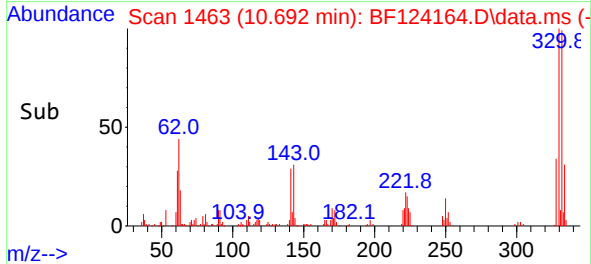




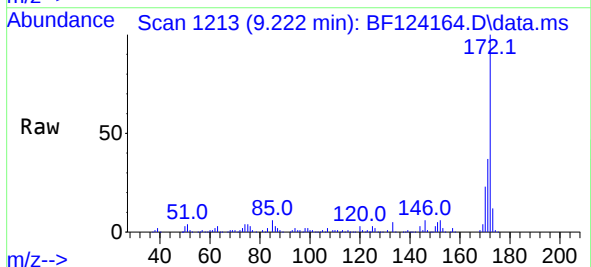
#42
2,4,6-Tribromophenol
Concen: 78.218 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF124164.D
Acq: 7 Jun 2021 19:10



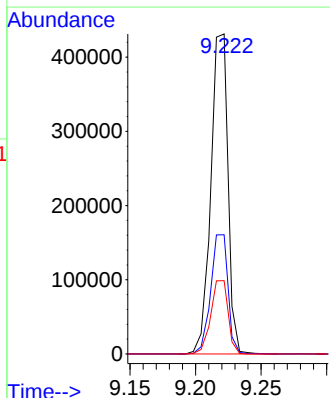
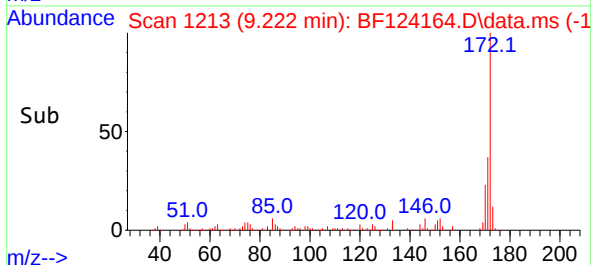
Tgt Ion: 330 Resp: 89784
Ion Ratio Lower Upper
330 100
332 99.6 77.1 115.7
141 37.1 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 60.959 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF124164.D
Acq: 7 Jun 2021 19:10



Tgt Ion: 172 Resp: 392491
Ion Ratio Lower Upper
172 100
171 37.2 28.1 42.1
170 22.9 19.2 28.8



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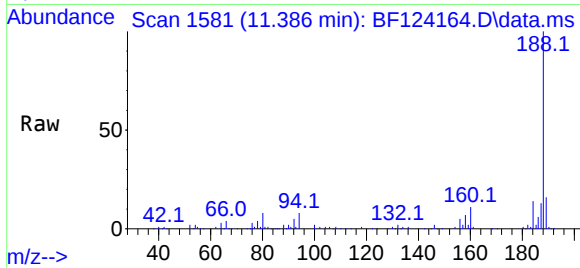
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF124164.D
Acq: 7 Jun 2021 19:10

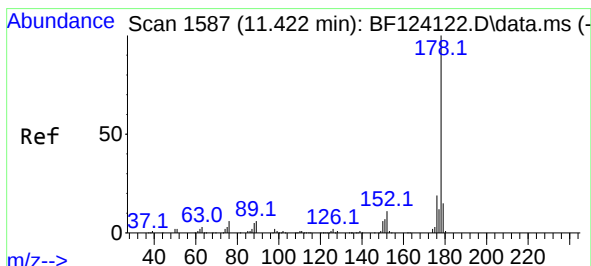
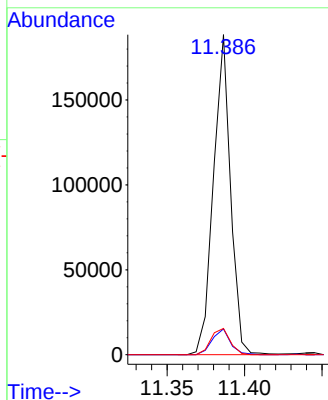
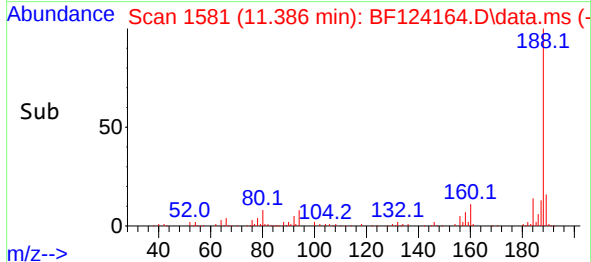
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ClientSampled :
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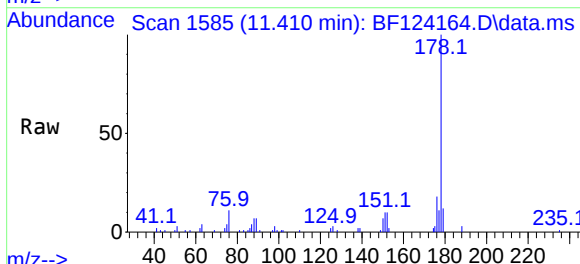
Tgt Ion:188 Resp: 144302
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 8.2 8.2 12.2

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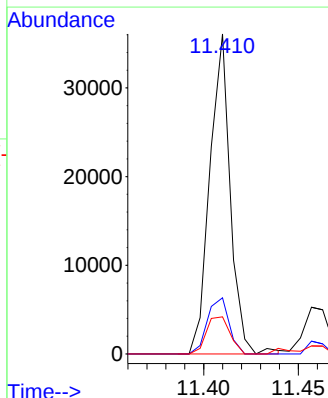
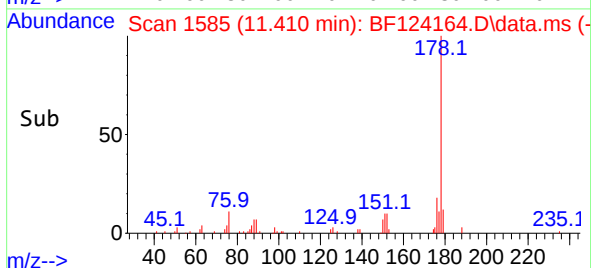
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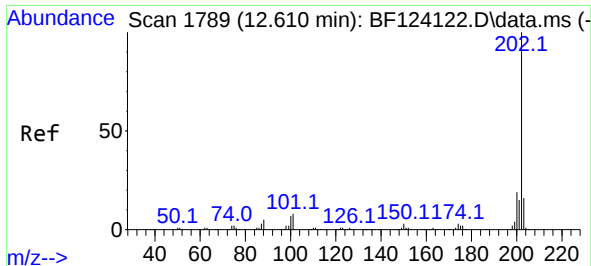


#71
Phenanthrene
Concen: 3.009 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.012 min
Lab File: BF124164.D
Acq: 7 Jun 2021 19:10

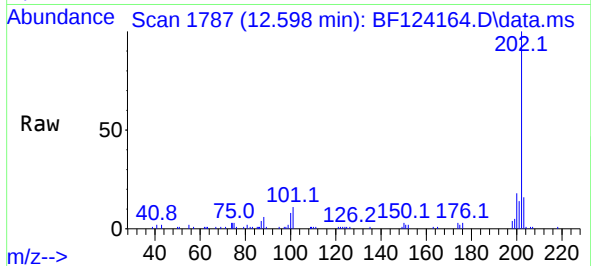


Tgt Ion:178 Resp: 27121
Ion Ratio Lower Upper
178 100
176 17.6 15.6 23.4
179 11.6 12.5 18.7#

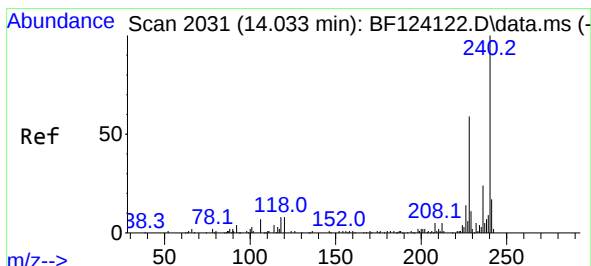
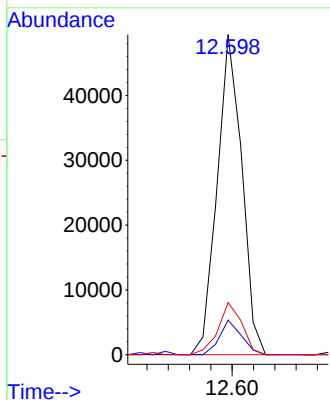
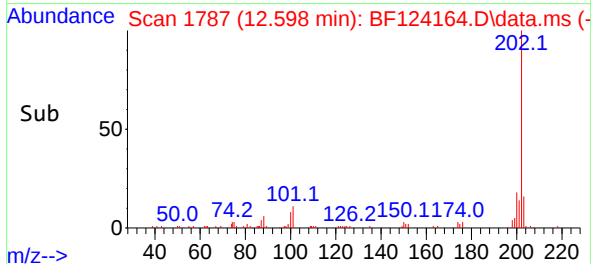




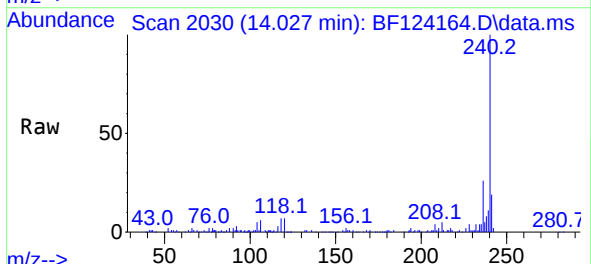
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Fluoranthene
Concen: 4.193 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.012 min
Lab File: BF124164.D
Acq: 7 Jun 2021 19:10



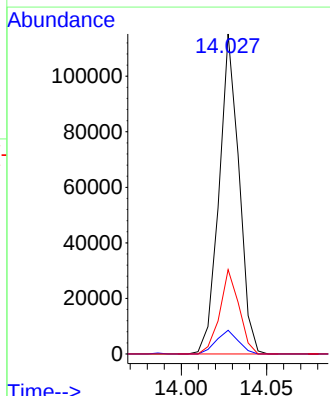
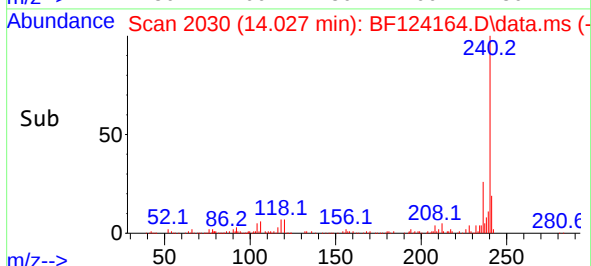
Tgt Ion: 202 Resp: 39672
Ion Ratio Lower Upper
202 100
101 10.8 0.0 30.9
203 16.3 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF124164.D
Acq: 7 Jun 2021 19:10



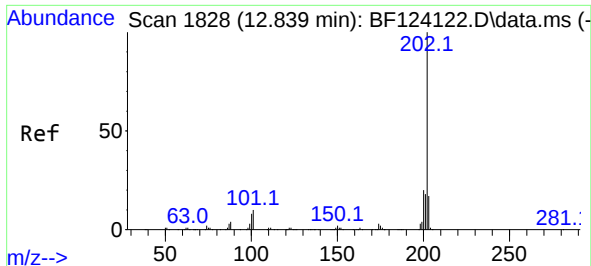
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Ion Ratio Lower Upper
240 100
120 7.4 7.2 10.8
236 26.4 19.0 28.4



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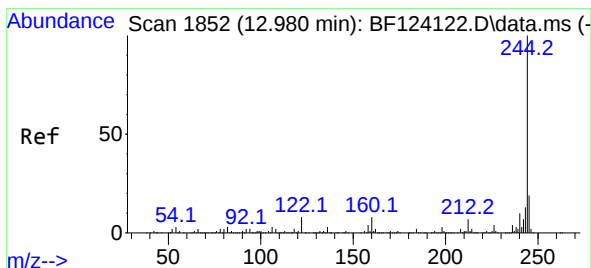
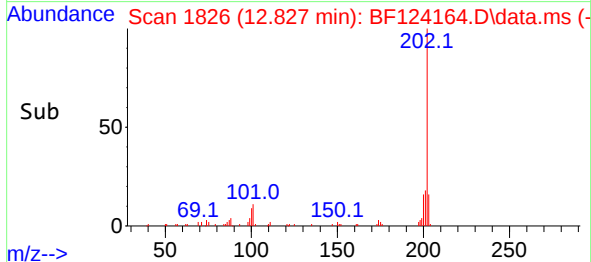
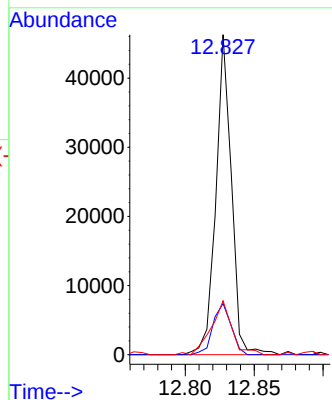
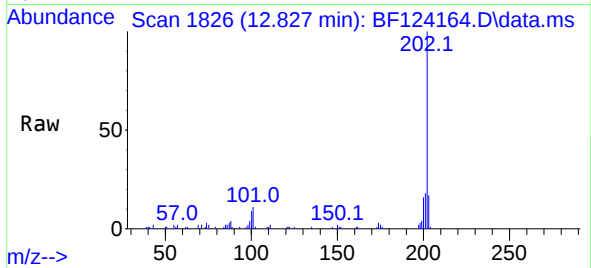
#78
Pyrene
Concen: 4.045 ng m
RT: 12.827 min Scan# 1826
Delta R.T. -0.012 min
Lab File: BF124164.D
Acq: 7 Jun 2021 19:10

Tgt Ion:202 Resp: 36371
Ion Ratio Lower Upper
202 100
200 16.0 16.1 24.1#
203 16.8 14.8 22.2

Instrument :
BNA_F
ClientSampled :
124019

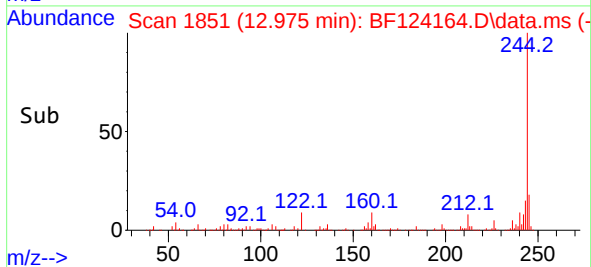
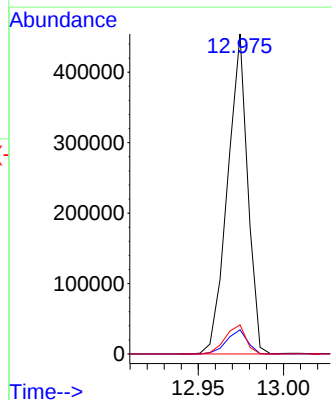
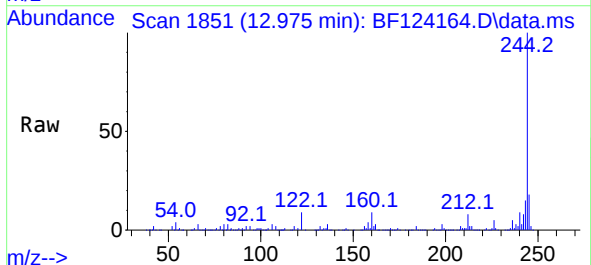
Manual Integrations
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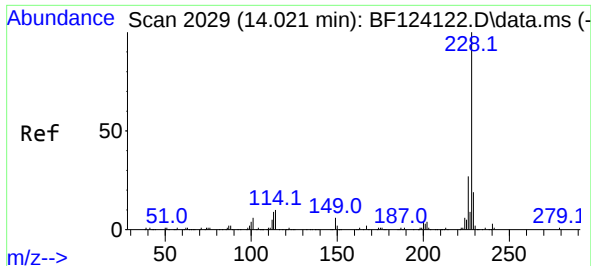
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#79
Terphenyl-d14
Concen: 54.642 ng
RT: 12.975 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF124164.D
Acq: 7 Jun 2021 19:10

Tgt Ion:244 Resp: 372649
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 9.1 9.7 14.5#





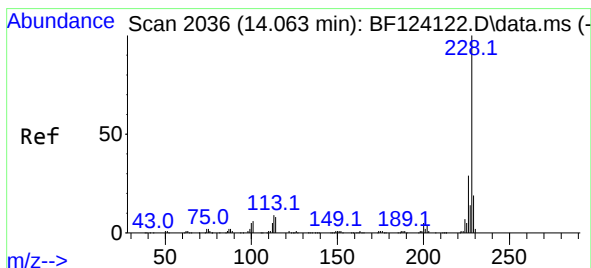
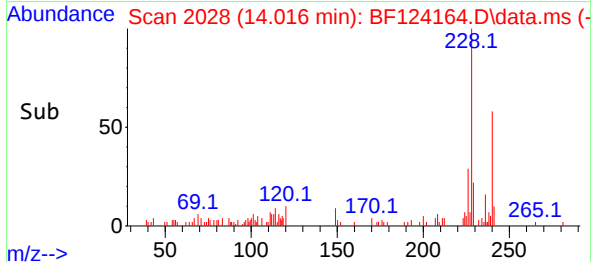
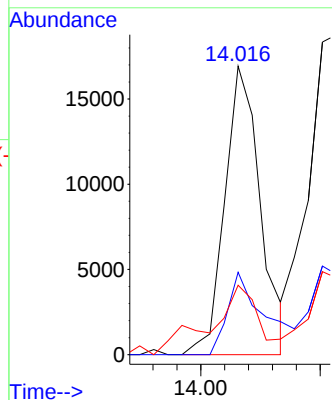
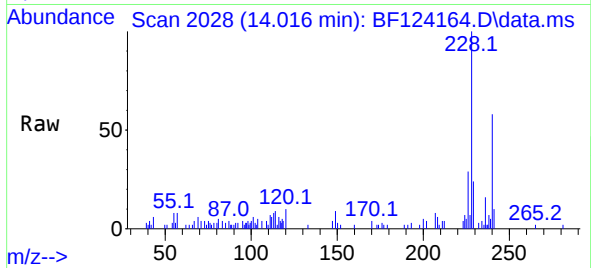
#81
Benzo(a)anthracene
Concen: 2.570 ng m
RT: 14.016 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF124164.D
Acq: 7 Jun 2021 19:10

Tgt Ion:228 Resp: 17532
Ion Ratio Lower Upper
228 100
226 28.5 22.4 33.6
229 24.1 16.0 24.0#

Instrument :
BNA_F
ClientSampled :
124019

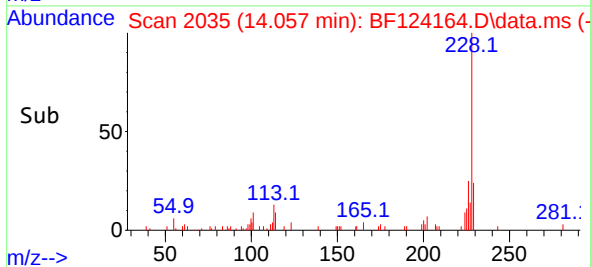
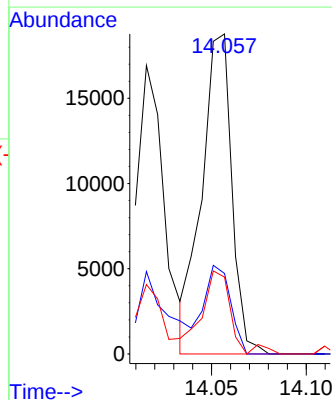
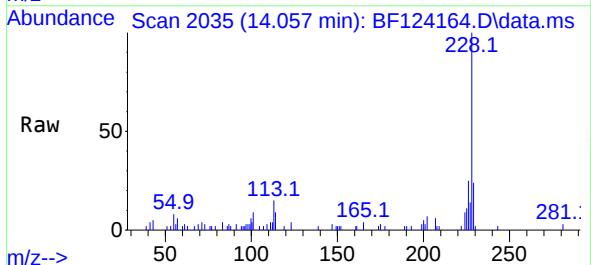
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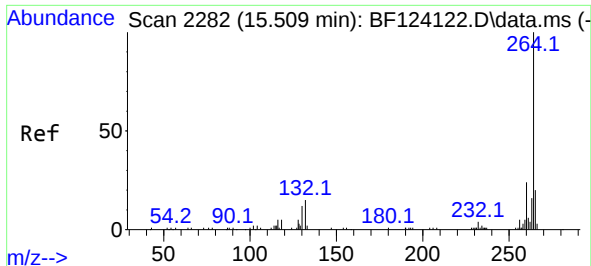
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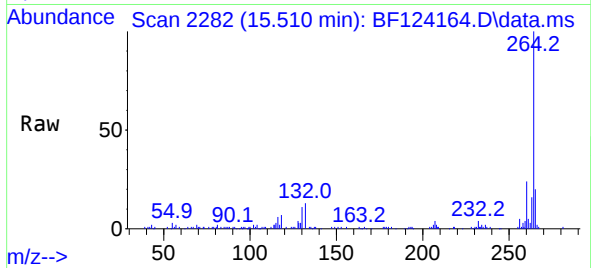
#83
Chrysene
Concen: 3.154 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF124164.D
Acq: 7 Jun 2021 19:10

Tgt Ion:228 Resp: 20760
Ion Ratio Lower Upper
228 100
226 25.1 24.3 36.5
229 24.0 16.2 24.2

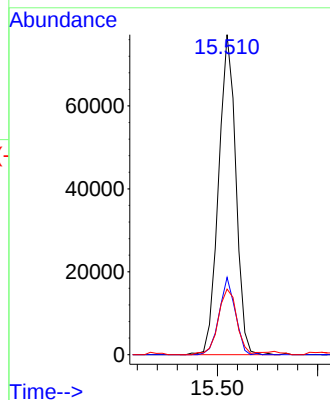
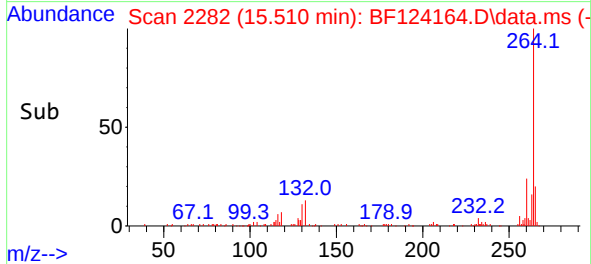




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2282
Delta R.T. 0.001 min
Lab File: BF124164.D
Acq: 7 Jun 2021 19:10



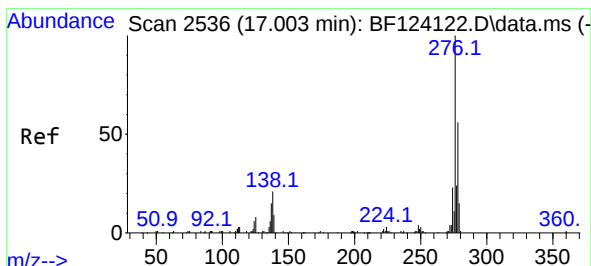
Tgt Ion:264 Resp: 92091
Ion Ratio Lower Upper
264 100
260 24.2 18.7 28.1
265 20.5 17.8 26.8



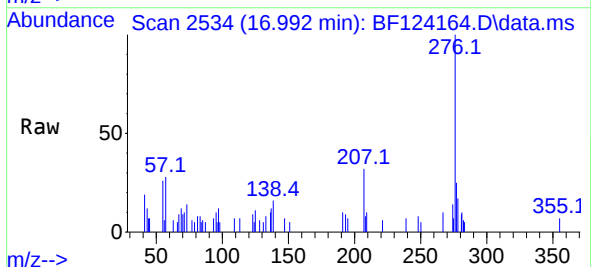
Instrument :
BNA_F
ClientSampleId :
124019

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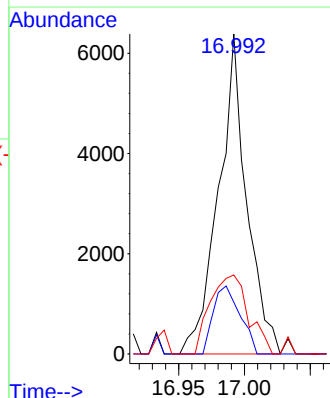
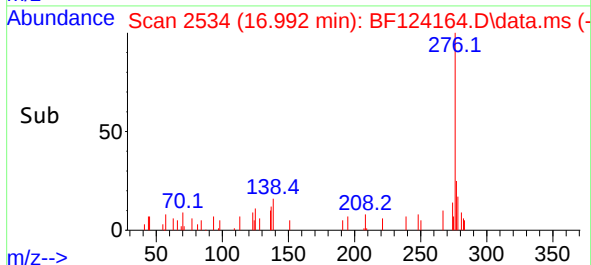
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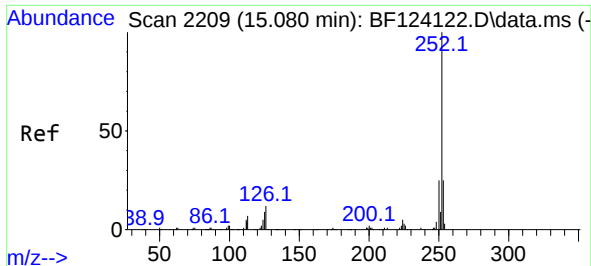


#87
Indeno(1,2,3-cd)pyrene
Concen: 5.464 ng m
RT: 16.992 min Scan# 2534
Delta R.T. -0.011 min
Lab File: BF124164.D
Acq: 7 Jun 2021 19:10



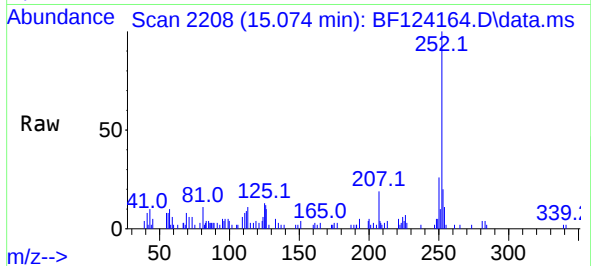
Tgt Ion:276 Resp: 9514
Ion Ratio Lower Upper
276 100
138 1.2 16.2 24.2#
277 1.1 20.1 30.1#





#88
Benzo(b)fluoranthene
Concen: 3.807 ng m
RT: 15.074 min Scan# 2208
Delta R.T. -0.006 min
Lab File: BF124164.D
Acq: 7 Jun 2021 19:10

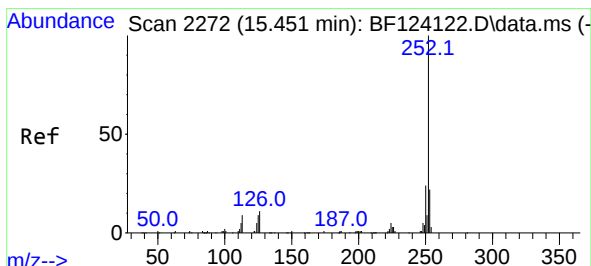
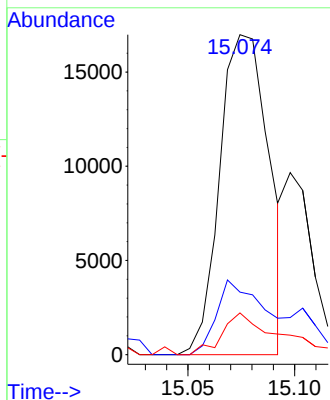
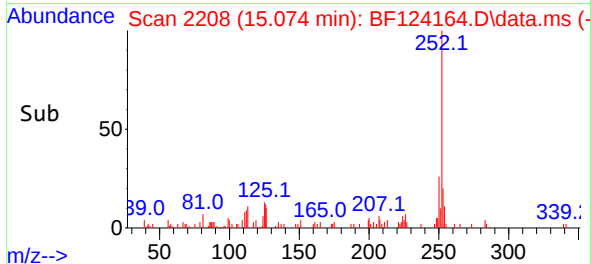
Instrument :
BNA_F
ClientSampled :
124019



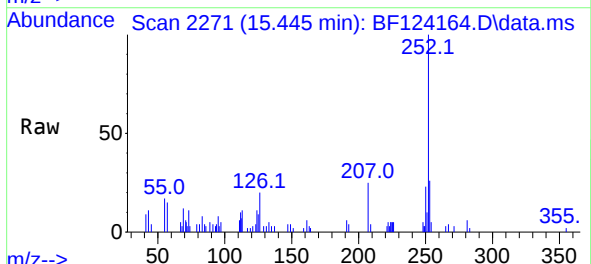
Tgt Ion:252 Resp: 27232
Ion Ratio Lower Upper
252 100
253 19.6 18.1 27.1
125 13.0 6.2 9.4#

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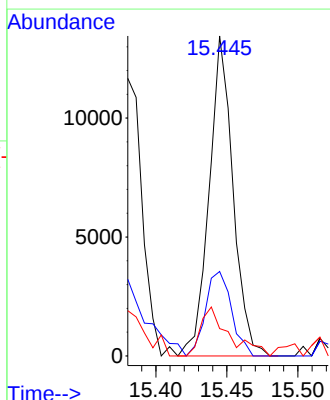
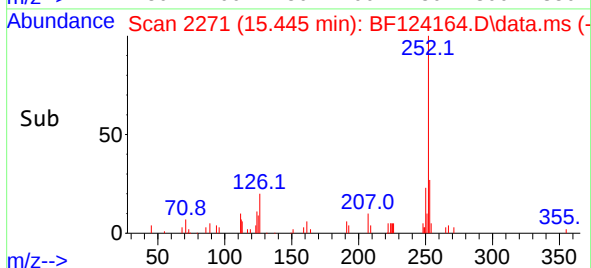
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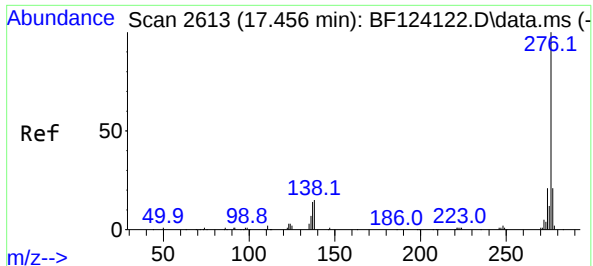


#90
Benzo(a)pyrene
Concen: 2.527 ng
RT: 15.445 min Scan# 2271
Delta R.T. -0.006 min
Lab File: BF124164.D
Acq: 7 Jun 2021 19:10



Tgt Ion:252 Resp: 15701
Ion Ratio Lower Upper
252 100
253 26.4 18.4 27.6
125 8.6 8.0 12.0





#92
Benzo(g,h,i)perylene
Concen: 5.011 ng
RT: 17.445 min Scan# 2611
Delta R.T. -0.011 min
Lab File: BF124164.D
Acq: 7 Jun 2021 19:10

Tgt Ion: 276 Resp: 8439
Ion Ratio Lower Upper
276 100
277 38.5 18.2 27.2#
138 22.9 13.8 20.6#

Instrument :
BNA_F
ClientSampleId :
124019

Manual Integrations
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